

Corrigendum: Three new species of the genus Biasticus Stål, 1867 (Insecta, Heteroptera, Reduviidae, Harpactorinae) from Central Highlands, Vietnam. ZooKeys 1118: 133–180. https://doi.org/10.3897/zookeys.1118.83156

Ngoc Linh Ha^{1,2}, Xuan Lam Truong^{2,3}, Tadashi Ishikawa⁴, Weeyawat Jaitrong⁵, Chi Feng Lee⁶, Bounsanong Chouangthavy⁷, Katsuyuki Eguchi¹

I Department of Biological Sciences, Graduate School of Science, Tokyo Metropolitan University, Minamiosawa 1-1, Hachioji, Tokyo 192-0397, Japan 2 Institute of Ecology and Biological Resources, Vietnam Academy of Science and Technology, 18 Hoang Quoc Viet Road, Nghia Do, Cau Giay, Hanoi, Vietnam 3 Graduate University of Science and Technology, Vietnam Academy of Science and Technology, 18 Hoang Quoc Viet Road, Nghia Do, Cau Giay, Hanoi, Vietnam 4 Faculty of Agriculture, Tokyo University of Agriculture, Atsugi, Kanagawa, Japan 5 Office of Natural Science Research, National Science Museum, 39 Moo 3, Khlong 5, Khlong Luang, Pathum Thani, 12120 Thailand 6 Applied Zoology Division, Taiwan Agricultural Research Institute, Taichung 413, Taiwan 7 Plant Protection Unit, Department of Plant Science, Faculty of Agriculture, National University of Laos, P.O. Box 7322, Vientiane, Lao People's Democratic Republic

Corresponding author: Ngoc Linh Ha (linh.hangoc02@gmail.com)

Academic editor: Jader Oliveira | Received 18 November 2022 | Accepted 25 November 2022 | Published 9 December 2022

https://zoobank.org/C05839C0-1F1D-480B-B55F-6E54DAE93359

Citation: Ha NL, Truong XL, Ishikawa T, Jaitrong W, Lee CF, Chouangthavy B, Eguchi K (2022) Corrigendum: Three new species of the genus *Biasticus* Stål, 1867 (Insecta, Heteroptera, Reduviidae, Harpactorinae) from Central Highlands, Vietnam. ZooKeys 1118: 133–180. https://doi.org/10.3897/zookeys.1118.83156. ZooKeys 1134: 211–214. https://doi.org/10.3897/zookeys.1134.97678

We recently published the description of three new species of the genus *Biasticus* Stål, 1867 (Insecta, Heteroptera, Reduviidae, Harpactorinae) from Central Highlands, Vietnam (Ha NL, Truong XL, Ishikawa T, Jaitrong W, Lee CF, Chouangthavy B, Eguchi K 2022). However, the first author made mistakes when indicating the deposition of the holotype and paratype of the three new species regardless of some regulations and agreements about those specimens. In this corrigendum, we made a revision of the status of the holotype and paratype deposition.

Table 1. The data of specimens used in this study. Abbreviations and symbols: n/a: no data; HU, Matsumura Collection at the Laboratory of Systematic Entomology, Department of Agriculture, Hokkaido University, Sapporo, Japan; IEBR, Institute of Ecology and Biological Resources, Vietnam Academy of Science and Technology, Vietnam; NSMT, National Museum of Nature and Science, Tokyo, Japan; NSM, Department of Entomology, Zoological Research Division, Office of Natural Science Research, National Science Museum, Thailand; NUOL-FA, Faculty of Agriculture, National University of Laos, Laos P.D.R; TARI-AZ, Applied Zoology Division, Taiwan Agricultural Research Institute Insect Collection, Taiwan Agricultural Research Institute, Taiwan; VNMN, Vietnam National Museum of Nature, Vietnam Academy of Science and Technology, Vietnam; *, tentatively held by HNL (first author); bA–bF, morphospecies code (see in the text).

Morphospecies	Specimen code	Collecting	Locality	Sex	Accession numbers			Depository
		date			168	Uni-Minibar (COI)	COI	
Biasticus (ingroups)								
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA] [Paratype]	HNL2018-036	09.v.2018	Vietnam, Dak Lak	9	OM908207	ON542864	OM868188	IEBR*
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA]	HNL2018-072	08.v.2018	Vietnam, Gia Lai	9	OM908210	ON542867	OM868178	NSMT
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA] [Holotype]	HNL2018-073	08.v.2018	Vietnam, Gia Lai	9	OM908211	ON542868	OM868192	IEBR*
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA] [Paratype]	HNL2018-074	08.v.2018	Vietnam, Gia Lai	9	OM908212	ON542869	OM868193	VNMN
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA] [Paratype]	HNL2018-075	08.v.2018	Vietnam, Gia Lai	9	OM908213	ON542870	OM868194	VNMN
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA]	HNL2018-076	08.v.2018	Vietnam, Gia Lai	9	ON554765	ON542871	n/a	NSMT
B. taynguyenensis Ha, Truong & Ishikawa, sp. nov. [bA] [Paratype]	TXL2016-545	28.iv.2016	Vietnam, Gia Lai	8	OM908227	ON542894	OM868177	IEBR*
B. griseocapillus Ha, Truong & Ishikawa, sp. nov. [bB]	HNL2018-007	05.v.2018	Vietnam, Gia Lai	9	OM908197	ON542854	OM868176	NSMT
B. griseocapillus Ha, Truong & Ishikawa, sp. nov. [bB] [Paratype]	HNL2018-037	09.v.2018	Vietnam, Dak Lak	9	OM908208	ON542865	OM868189	IEBR*
B. griseocapillus Ha, Truong & Ishikawa, sp. nov. [bB] [Holotype]	HNL2018-038	09.v.2018	Vietnam, Dak Lak	9	OM908209	ON542866	OM868191	IEBR*
B. griseocapillus Ha, Truong & Ishikawa, sp. nov. [bB] [Paratype]	TXL2016-546	28.iv.2016	Vietnam, Gia Lai	8	OM908228	ON542895	OM868190	IEBR*
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC] [Paratype]	HNL2018-017	09.v.2018	Vietnam, Dak Lak	9	OM908198	ON542855	OM868179	VNMN
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC]	HNL2018-018	09.v.2018	Vietnam, Dak Lak	9	OM908199	ON542856	OM868180	IEBR*
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC]	HNL2018-019	09.v.2018	Vietnam, Dak Lak	9	OM908200	ON542857	OM868181	IEBR*
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC] [Paratype]	HNL2018-020	09.v.2018	Vietnam, Dak Lak	9	OM908201	ON542858	OM868182	IEBR*
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC]	HNL2018-021	09.v.2018	Vietnam, Dak Lak	9	OM908202	ON542859	OM868183	NSMT
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC]	HNL2018-022	09.v.2018	Vietnam, Dak Lak	8	OM908203	ON542860	OM868184	NSMT
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC]	HNL2018-023	09.v.2018	Vietnam, Dak Lak	9	OM908204	ON542861	OM868185	NSMT
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC] [Paratype]	HNL2018-024	09.v.2018	Vietnam, Dak Lak	9	OM908205	ON542862	OM868186	IEBR*
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC] [Holotype]	HNL2018-025	09.v.2018	Vietnam, Dak Lak	8	OM908206	ON542863	OM868187	IEBR*
B. luteicollis Ha, Truong & Ishikawa, sp. nov. [bC]	HNL2018-078	08.v.2018	Vietnam, Gia Lai	9	OM908214	ON542872	OM868195	NSMT

Morphospecies	Specimen code	Collecting date	Locality	Sex	Accession numbers			Depository
					16S	Uni-Minibar (COI)	COI	
Ishikawa, sp. nov. [bC]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-080	08.v.2018	Vietnam,	9	OM908216	ON542874	OM868197	IEBR*
Ishikawa, sp. nov. [bC]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-081	08.v.2018	Vietnam,	2	OM908217	ON542875	OM868198	IEBR*
Ishikawa, sp. nov. [bC]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-082	08.v.2018	Vietnam,	2	OM908218	ON542876	OM868199	VNMN
Ishikawa, sp. nov. [bC] [Paratype]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-083	08.v.2018	Vietnam,	8	OM908219	ON542877	OM868200	VNMN
Ishikawa, sp. nov. [bC] [Paratype]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-084	08.v.2018	Vietnam,	3	OM908220	ON542878	OM868201	NSMT
Ishikawa, sp. nov. [bC]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-085	08.v.2018	Vietnam,	3	OM908221	ON542879	OM868202	IEBR*
Ishikawa, sp. nov. [bC] [Paratype]			Gia Lai					
B. luteicollis Ha, Truong &	HNL2018-086	08.v.2018	Vietnam,	3	OM908222	ON542880	OM868203	IEBR*
Ishikawa, sp. nov. [bC] [Paratype]			Gia Lai					
B. luteicollis Ha, Truong &	TXL2016-616	05.v.2018	Vietnam,	9	OM908229	ON542896	OM868208	NSMT
Ishikawa, sp. nov. [bC]			Dak Lak					
B. luteicollis Ha, Truong &	TXL2016-617	05.v.2018	Vietnam,	8	OM908230	ON542897	OM868209	NSMT
Ishikawa, sp. nov. [bC]			Dak Lak					

Biasticus taynguyenensis Ha, Truong & Ishikawa, sp. nov.

https://zoobank.org/290765E6-63AE-49F4-B835-B22A034E4DE7 Figs 5A, 6A–D, 13, 14, 15

Type material. *Holotype*. ♀; HNL2018-073; VIETNAM, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; **IEBR.** *Paratypes*. 1♂; TXL2016-545; VIETNAM, Gia Lai Province, Kon Chu Rang Nature Reserve; 28.iv.2016; X. L. Truong leg.; **IEBR**. 1♀; HNL2018-036; VIETNAM, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; **IEBR**. 2♀; HNL2018-074; HNL2018-075; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; **VNMN**.

Non-type material. 2♀; HNL2018-072; HNL2018-076; VIETNAM, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; NSMT.

Biasticus griseocapillus Ha, Truong & Ishikawa, sp. nov.

https://zoobank.org/BDAB0B60-64D5-4529-8715-2E1B010AD57B Figs 5B, 6E–I, 16, 17, 18

Type material. *Holotype*. 1♀; HNL2018-038; VIETNAM, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; **IEBR**. *Paratypes*. 1♀; HNL2018-037; VIETNAM, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; **IEBR**. 1♂; TXL2016-546; VIETNAM, Gia Lai Province, Kon Chu Rang Nature Reserve; 28.iv.2016; X. L. Truong leg.; **IEBR**.

Non-type material. 12; HNL2018-007; VIETNAM, Gia Lai Province, Kon Chu Rang Nature Reserve; 05.v.2018; X. L. Truong leg.; NSMT.

Biasticus luteicollis Ha, Truong & Ishikawa, sp. nov.

https://zoobank.org/752E02B7-586A-4A9C-8D70-09DE6199F2EE Figs 5C, 6J–N, 19, 20, 21

Type material. *Holotype*. &; HNL2018-025; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; IEBR. *Paratypes*. 2\$\pi\$; HNL2018-020; HNL2018-024; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; IEBR. 2\$\frac{1}{2}\$; HNL2018-085; HNL2018-086; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; IEBR. 1\$\pi\$; HNL2018-017; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; VNMN. 1\$\pi\$; HNL2018-082; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; VNMN. 1\$\pi\$; HNL2018-083; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; VNMN.

Non-type material. 1♀; TXL2016-616; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 05.v.2016; X. L. Truong leg.; NSMT. 1♂; TXL2016-617; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 05.v.2016; X. L. Truong leg. NSMT; 2♀; HNL2018-018; HNL2018-019; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; IEBR. 2♀; HNL2018-021; HNL2018-023; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; NSMT. 1♂; HNL2018-022; Vietnam, Dak Lak Province, Chu Yang Sin National Park; 09.v.2018; X. L. Truong leg.; NSMT. 1♀; HNL2018-078; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; NSMT. 2♂; HNL2018-079; HNL2018-084; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; NSMT. 2♀; HNL2018-080; HNL2018-081; Vietnam, Gia Lai Province, Kon Chu Rang Nature Reserve; 08.v.2018; X. L. Truong leg.; IEBR.

Reference

Ha NL, Truong XL, Ishikawa T, Jaitrong W, Lee CF, Chouangthavy B, Eguchi K (2022) Three new species of the genus *Biasticus* Stål, 1867 (Insecta, Heteroptera, Reduviidae, Harpactorinae) from Central Highlands, Vietnam. ZooKeys 1118: 133–180. https://doi.org/10.3897/zookeys.1118.83156